UTILITY PATENT APPLICATION TRANSMITTAL (Small Entity)

Docket No. **NP-107-DIV**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Total Pages in this Submission 60

TO THE COMMISSIONER FOR PATENTS

Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450

	tion e			tiling under 3:	0.5	.C. 111(a) and 37	C.F.R. 1.53(b) is a new utility patent ap	plication for air-
		C	RYSTAI	L FORMING A	APPA	RATUS AND ME	THOD FOR	USING SAME	
and ir	nvente	d by	:						
RIO	CHAR	D H.	GOODV	VIN, JR.					
lf a C	CONT	INUA	TION A	PPLICATION,	ched	ck appropriate box	x and supply	the requisite information:	
	Conti	nuat	ion 🛚	Divisional		Continuation-in	n-part (CIP)	of prior application No.:	10/345,217
Whic	h is a								
	Conti	nuat	ion 🗆	Divisional		Continuation-in	n-part (CIP)	of prior application No.:	
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Encl	osed a	are:				A 1! 4!	El		
						Application	Elements		
1.		Filir	g fee as	calculated an	d trar	nsmitted as descr	ibed below		
2.	. 🗵	Spe	cification	having <u>T</u>	HIRT	TY-FOUR (34)	pages and in	cluding the following:	
	a.	\boxtimes	Descrip	tive Title of the	e Inv	ention			
	b. Cross References to Related Applications (if applicable)								
	c. Statement Regarding Federally-sponsored Research/Development (if applicable)								
	d.		Referer	nce to Sequen	ce Li	sting, a Table, or	a Computer F	Program Listing Appendix	
	e.	\boxtimes	Backgro	ound of the Inv	entic	on			•
	f.	f. 🗵 Brief Summary of the Invention							
	g.	\boxtimes	Brief De	escription of th	e Dra	awings (if filed)			•
	_	\boxtimes		d Description		3 (, ,			
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3.	\boxtimes	Dra	wing(s) <i>(w</i>	hen necessary as prescribed b	y 35 USC 113)
	a.	\boxtimes	Formal	Number of Sheets	11 (ELEVEN)
	b.		Informal	Number of Sheets	
4.	×	Oat	h or Decla	ration	
	a.		Newly ex	ecuted (original or copy)	☐ Unexecuted
	b.	\boxtimes	Copy from	m a prior application (37 CFR 1	.63(d)) (for continuation/divisional application only)
	C.	\boxtimes	With Pow	ver of Attorney Withou	t Power of Attorney
	d.		Signed st	DN OF INVENTOR(S) tatement attached deleting inve .F.R. 1.63(d)(2) and 1.33(b).	entor(s) named in the prior application,
5.	\boxtimes	The Box	entire disc	• • • •	from which a copy of the oath or declaration is supplied under e disclosure of the accompanying application and is hereby
6.		CD	ROM or C	D-R in duplicate, large table or	Computer Program (Appendix)
7. 8.				ata Sheet (See 37 CFR 1.76) d/or Amino Acid Sequence Sub	omission (if applicable, all must be included)
	a.		Compute	r Readable Form (CFR)	
	b.		Specifica	tion Sequence Listing on:	
			i. 🔲	CD-ROM or CD-R (2 copies);	or
			ii. 🔲	Paper	
	C.		Statemen	nt(s) Verifying Identical Paper a	nd Computer Readable Copy
				Accompanyin	g Application Parts
9.	X	Assi	ignment Pa	apers (cover sheet & documen	t(s))
10.		37 (CFR 3.73(E	B) Statement (when there is an	assignee)
11.		Eng	lish Transl	lation Document (if applicable)	
12.		Info	rmation Di	sclosure Statement/PTO-1449	☐ Copies of IDS Citations
13.	\boxtimes	Prel	iminary An	mendment	
14.	\boxtimes	Retu	urn Receip	ot Postcard (MPEP 503) (Shoul	d be specifically itemized)
15.		Cert	tified Copy	of Priority Document(s) (if fore	ign priority is claimed)
16.		Cert	tificate of N	Mailing	
			First Clas	ss Express Mail (Specify	Label No.):

Application Elements (Continued)

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Total Pages in this Submission 60

		Accompanying Application Parts (Continued)
17.	X	Applicant claims small entity status. See 37 CFR 1.27.
		☐ (Optional) Small Entity Statement(s) - Specify Number of Statements Submitted:
18.		Additional Enclosures (please identify below):
		Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)
19.		Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.
		Warning
		An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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Fee Calculation and Transmittal

For	#Filed	#Allowed	#Extra		Rate	Fee \$63.00
Total Claims	27	- 20 =	7	x	\$9.00	
Indep. Claims	3	- 3 =	0	x	\$43.00	\$0.00
Multiple Dependent Claims (check if applicable)						
					BASIC FEE	\$385.00
OTHER FEE (specify purpose)						
TOTAL FILING FEE						

A check in the amount of

\$448.00

to cover the filing fee is enclosed.

☑ The Director is hereby authorized to charge and credit Deposit Account No. as described below.

50-1390

☐ Charge the amount of

as filing fee.

☑ Credit any overpayment.

☑ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.

☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance,

pursuant to 37 C.F.R. 1.311(b).

Dated:

January 28, 2004

Signature

Steven P. Arnheim Registration No. 43,475 Shaw Pittman LLP 1650 Tysons Boulevard McLean, VA 22102

CC:

Customer No. 28970